20001019.ba v03_n013.bam.20001019

>From ???@??? Thu Oct 19 21:58:42 2000 -0500
Date: Thu, 19 Oct 2000 21:56:20 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3013
Message-Id: <20001020030105.C803E27F@devel43.theporch.com>

BOATANCHORS Digest 3013

Topics covered in this issue include:

1) Re: 500K Pot source
   by McGregor <cbmcg@gte.net>
2) Re: BOATANCHORS digest 3012
   by McGregor <cbmcg@gte.net>
3) '20's QSL Card
   by Chuck Swiger <cswiger@widomaker.com>
4) Thordarson Choke specs ?
   by Hans Zimmermann <hans.zimmermann@ties.itu.ch>
5) AM radio Hi Fi
   by "John Gibson" <gibsonj@mindspring.com>
6) Questions about BAMA
   by Mike Sewell <k0crx@earthlink.net>
7) RE: AM radio Hi Fi
   by "Shriver, John" <john.shriver@intel.com>
8) Re: Thordarson Choke specs ?
   by john <johnmb@mindspring.com>
9) Heath apache looking for good home near Akron Ohio
   by john <johnmb@mindspring.com>
10) Re: Questions about BAMA
   by Al Parker <anchor@coastalnet.com>
11) Re: Line Matching Transformer??
   by Arden Allen <gumbear@pacbell.net>
12) plastic chassis?
   by "Benjamin D. Hall" <kd5byb@WT.NET>
13) Re: Wanted NC-188
   by "russ dworakowski" <wb3fau@hotmail.com>
14) Re: AM radio Hi Fi
   by Scott Robinson <spr@earthlink.net>
15) Re: plastic chassis?
   by Arden Allen <gumbear@pacbell.net>
16) Cancelled: Delaware Valley Radio Association Nov 4th.
   by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
17) Re: 427A meter scale peeling
   by "Mark Shaum" <k9tr@mtco.com>
18) Re: '20's QSL Card

    by Neal McEwen <nmcewen@metronet.com>
 19) Re: Line Matching Transformer??
    by Bob Roehrig <broehrig@admin.aurora.edu>
 20) SX-28 versus SX-28A
    by Dave Hollander <davidh@getnet.com>
 21) RE: Line Matching Transformer??
    by James Hanlon <knjhanlon@uswest.net>

Message-Id: <4.3.2.7.0.20001019121209.00add550@mail.gte.net>
Date: Thu, 19 Oct 2000 12:14:09 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: McGregor <cbmcg@gte.net>
Subject: Re: 500K Pot source
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:42 PM 10/19/00 -0500, Al N5AIT wrote:

>   Looking for a 500k pot (prefer linear taper; will take
>anything I can get) with a SPST switch.

See Mouser Electronics catalog 603, page 226
<www.mouser.com>

de Chuck N7RHU

Message-Id: <4.3.2.7.0.20001019122810.00ade9e0@mail.gte.net>
Date: Thu, 19 Oct 2000 12:40:24 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: McGregor <cbmcg@gte.net>
Subject: Re: BOATANCHORS digest 3012
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Don -
Speaker matching transformers are marked with the power delivered to the indicated impedance speaker when the distribution line is at 70.7 volts - corresponding to maximum power output from the audio amplifier driving the line. This makes it possible to lay out a sound system without any algebra....just make sure the sum all the individual speaker transformer power selections matches the amplifier rating..

To find the the impedance, looking into the primary of a transformer: divide the (rated primary voltage squared) by the rated power delivered to the speaker (the marking on the secondary tap).

So: (70.7v) squared / 10 watts yields 500 ohms impedance looking into the primary....just what you want to match a typical boatanchor to a speaker.

Chuck N7RHU

Message-Id: <4.3.1.1.20001019153627.00d73c40@192.168.0.134>
Date: Thu, 19 Oct 2000 16:03:18 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject: '20's QSL Card
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

List -
Saw this text from a1920's qsl card on the Antique Wireless Assoc list and thought you folks might get a kick out ot it also:

Q: Any clue what 'wireworms' were(are)? Or any of the rest for that matter! For instance, maybe he's using a UX-210 Hartley with 36 cell lead/acid battery???

Courtesy of Don Buska:

In a batch of recently aquired Ham QSL cards I ran across one that had a very humorous printed text paragraph on it. I thought many of you would like reading it. For those of you who have viewed early ham cards from the 20's and
30's you know that they do differ greatly from modern cards. No RST and extensive use of Q signals and other CW type abbreviations. Anyhoot, below is the text, see if you can determine what is being said.

>From 8CER (Columbus, OH) November 4th, 1927 (Card sent to 8DMU)- Text in brackets is had penciled in:

"Ur Sigs were R[7] when I snagged U at [7:45A] M.E.S.T. with a nasty [ac]. The
uxer hr is a low life UX-210 Heartless coilet with a 3 score and 6 crock super slop over chem. The scroller is a smell detective and 2 lamper with a pair of cracking cord fones. The uxing wire is a Hurt's (BCL) which clings to a sky hook 40 meters high. A light is hung in the center to keep the wireworms off and amuse the neighborhood radio bugs. A separate scrooling wire is used. Also a high powered log system is kept of all Qso's. The set is located in the
basement well protected fm flying glass and any stray corks. Sububacacious equipment, 1 can of key oil, 1 Holey panel, 1 Relay which never really

relayed.
I junked Crapola BCL set, 1 Buggie Bug Key. The official clicker would appreciate a card fm you. All Qso's amd Rept's are verified DX [FM ALL US NC NQ] See other side for extra bull."

The back of the card had this written, in pencil, text:

Here's my card where's yours. Please QSL ob Thanks 73 W.O.C. op
Ur ac sigs very stedi ob great to copy"

What a gas to read. It can be like translating greek. Anyone want to take a quess as to what his transmitter, receiver and antenna are in modern lingo? I never heard the term "scroller or scrooling" used for receiver or receiving before. I paid close attention to the original spelling so what you see is how it appeared.

73

Don N9OO

Date: Thu, 19 Oct 2000 22:04:23 +0200 (MET DST)
Message-Id: <200010192004.WAA01462@ties.itu.ch>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Hans Zimmermann <hans.zimmermann@ties.itu.ch>
Subject: Thordarson Choke specs ?

Fellow B'anchorites:

I have 3 Thordarson chokes:
one is a T 13C28
and two are T-67C49

Does anyone happen to know the specs, in particular the what current they can take ? Thanks in advance, 73

Hans, HB9AQS

Message-Id: <200010192039.QAA28968@tisch.mail.mindspring.net>
Date: Thu, 19 Oct 2000 13:45:45 +0100
Subject: AM radio Hi Fi
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Well it seems that we have been cheated all these years - you don't have to put up with that muddy audio from the average 5 tube radio. Most AM stations do put out hi fi quality, the receivers just don't have the bandwidth to handle it.

My eyes were opened, when on my vacation in England I bought a HMV radio at a vintage radio fair. It was a 5 tube superhet and I rebuilt and retubed it. When testing it out, I noticed that the tone control had a "hi fi" position. Switching to that setting really made the sound sparkle.

In this radio, the detector IF transformer is loaded by the diode detector and so has a wide bandwidth. The mixer IF can be switched to normal (Audio bandwidth 3 kcs) for the usual muddy sound or to hi fi where additional bottom capacity coupling is added to overcouple the mixer transformer and widen the audio response to about 8 kcs and wow!

Message-ID: <39EF5F07.E52B71BA@earthlink.net>
Date: Thu, 19 Oct 2000 15:52:23 -0500
From: Mike Sewell <k0crx@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Questions about BAMA
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

When ever I log onto the BAMA site, the response is agonizingly slow.
Download speed is typically about 200 bytes per second.

Also, the following error message is a typical response.

"FTP Error

Could not login to FTP server

The maximum number of anonymous FTP users (5) are already connected...
try back in a few minutes."

I want to download some manuals AND contribute some from my rather extensive collection. I'm no longer a 'spring chicken' and at these speeds and failure rates, I may have to request that my heirs continue the process!!

Are others having similar results?

Thanks and 73,
Mike

K ÿ Collects Radios eXclusively

Message-ID: <392A357CE6FFD111AC3E00A0C99848B00369526A@hdsmsx31.hd.intel.com>
From: "Shriver, John" <john.shriver@intel.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: AM radio Hi Fi
Date: Thu, 19 Oct 2000 14:07:44 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Another AM tuner like this is the Heathkit BC-1A. It's in the same homely gold case as the FM-3B tuner, to go along with the WA-P2 preamp for the Williamson amps.

It's got the overcoupled IF transformers, push-pull full wave detection (a matched pair of crystal diodes), a 10 kc notch (whistle) filter, and a deliberate rise in the HF response from 6 kc upwards (now redundant, done on transmit). If you're lucky, it will come with the original wire loop antenna made out of sheilded twisted pair cable. The primary aim was the most Hi-Fi sound possible from a superhet.

Very nice sound, no selectivity, not incredibly sensitive. Lousy tuning feel. Early ones have a glass dial with green ink, later ones have a plastic dial with hot-stamped white ink. The knobs may well have the "white plague" (lead oxide from the plasticizer, I think).

The companion FM-3B is a dog, by the way. Very muddy sounding, on a par with typical AM. (Well, I didn't replace the electrolytic cap in the ratio detector, so that may be my fault.)

The BC-1A is moderately scarce compared to the other two. Still, I've never seen anyone asking more than $25 for one. Good deal if there's anything worth listening to on AM in your area.

Oh, these tuners both lack an AC fuse. One of the FM-3B's I have used it's power transformer as a fuse in the hands of the prior owner. Burned the paint right off the top of the case. (Lucky he didn't burn the house down!) He replaced the transformer and still didn't add a fuse. So FUSE them.

In the 1950's, Consumer Reports recommended using the RF and Detector stages from a TRF radio, say an Atwater-Kent ("available very cheaply") as a Hi-Fi tuner. They don't get birdies near as bad as a superhet, so you don't need to notch at 10 kc.

Message-Id: <3.0.3.32.20001019171821.00dacd5c@mindspring.com>

```
Date: Thu, 19 Oct 2000 17:18:21 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Re: Thordarson Choke specs ?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:04 PM 10/19/00 +0200, Hans Zimmermann wrote:
>Fellow B'anchorites:
>
>I have 3 Thordarson chokes:
>one is a T 13C28

This is 65ma 10H


>and two are T-67C49

200ma at 5H

Hope that helps!
73
John
wb5oau

>Does anyone happen to know the specs, in particular the what current they
>can take ?  Thanks in advance, 73
>
>Hans, HB9AQS
>
>

------------------------------
Message-Id: <3.0.3.32.20001019172042.00daa084@mindspring.com>
Date: Thu, 19 Oct 2000 17:20:42 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Heath apache looking for good home near Akron Ohio
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been contacted by an individual who is looking to get a heath
TX1 to a good home (it's from a friends estate). I suspect it could be
free, or nearly so.

Contact me if you're in the area and can pick it up and give it a
good home (and put it on the air!)
```

Best
John

Message-Id: <3.0.6.32.20001019165109.008f5ab0@mail2.coastalnet.com>
Date: Thu, 19 Oct 2000 16:51:09 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Questions about BAMA
Cc: grimm@lynchburg.net
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Mike,

I think Ken Grimm is still on vacation, so I'll answer for him, as best as I can. He asked me to help if I could.

BAMA has been very busy the last month or 2, due to the general interest, plus new links on other websites. As the msg says, only 5 users can be on the ftp download/upload site at a time, and sometimes they don't disconnect properly, so they hang on for a while. The least busy time is between abt 1AM & 7AM eastern time, for what that's worth. (ck the "activity" indicator if interested)

I'm no expert, but use of a "browser" for uploads/downloads isn't as good as using an ftp pgm, at least one of which is available on the site. That may help on the errors during download. (the XNView viewer is also there, & a good one for viewing & printing all the types of files except .pdf)

I can't say much abt your 200bps rate, it may be due to your fone line, or maybe it gets slower when more people are logged on at a time. I've gotten a cable modem setup recently, and it's sure nice, something like 70-80k bps average.

The site equipment is under the ownership/control of Ken's employer, Sweetbriar College, which is nice enough to make it available for our enjoyment.

I hope this is of some help, or at least consolation, as others are having much the same problem.

73,
Al, W8UT
New Bern, NC
BoatAnchors appreciated here
anchor@coastalnet.com or anchor@ec.rr.com
(both work now, coastalnet will go away soon)

And remember; "-They don¥t make tubes nowadays like they used to..."

Date: Thu, 19 Oct 2000 16:02:29 -0700
From: Arden Allen <gumbear@pacbell.net>

Subject: Re: Line Matching Transformer??
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G2P00MP79CD9M@mta4.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Don;

> I have 4 "Line Matching Transformers" that I want to use for impedance
> matching if possible. These are 70V 10W transformers used in PA systems to
> step down the 70V line into a 4 or 8 ohm speaker. I need a few transformers
> to match 600 ohms to 4 or 8 ohms at low wattage and I was wondering if I
> could use these. But the taps on the 70V side of these transformers are
> marked 0.625W, 1.25W, 2.5W, 5W and 10W and I do not have enough know-how to
> understand how that translates to impedance. Can someone esplain this to me?

The type of transformer you are talking about is sometimes referrered to as a constant voltage matching transformer. Its operation assumes there is a constant voltage (coming from a "black box" voltage source) of 70 volts RMS across the primary and that with the rated speaker impedance connected to one of the secondary taps the indicated power is delivered to the speaker. It's easier to consider the taps as voltage divider taps. You connect the speaker to the tap that gives you the volume you want. The more the power delivered to the speaker, the more the current drawn from the 70V line, the voltage remaining constant as if coming from a pure (zero ohm impedance) voltage source. Of course, the 70 volt figure is really a design center value and is more applicable to maximum voltages that can be handled at audio peak levels and not to constant levels.

You can calculate the load impedance the transfomer presents to the "line" or you can simply experiment with a sine wave signal being delivered to a dummy load to get the optimum level v/s distortion. Keep in mind how a transformer "reflects" the secondary load impedance via its primary/secondary impedance ratio to the primary. Also, you can do listening tests to see which tap gives the best volume but it is easier to see with a scope the differences in amplitude and distortion. Have fun.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <3.0.32.20001019180746.007ae670@mail.wt.net>
Date: Thu, 19 Oct 2000 18:13:43 -0500
To: Old Tube Radios <boatanchors@theporch.com>

From: "Benjamin D. Hall" <kd5byb@WT.NET>
Subject: plastic chassis?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings all...

On the cover of the new Antique Radio Supply catalog is an AM radio kit that sits on a red colored, plastic chassis.

I've got to admit, I'm intrigued not by the kit, but about making chassis out of lexan and the like. Has anyone ever tried this? One of these days I'm going to build my own boatanchor, and it almost seems a shame to cover up the wiring I'll work so hard at to install...

later and 73,
ben

Benjamin D. Hall, KD5BYB
Located in Houston, Texas, USA.
e-mail: kd5byb@WT.net, web: http://web.wt.net/~kd5byb/
"An ye harm none, do what thou wilt."

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: W8RI@AOL.COM
Subject: Re: Wanted NC-188
Date: Thu, 19 Oct 2000 19:28:06 EDT
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F156ypzg7KazMf000022f3@hotmail.com>

The trouble with rigs like the '188 is they costed
more than some of the more popular competition-
usually Hallicrafters had something a little cheaper.
I am a National collector and I don't have one.
I do think that I saw one this year at the area
hamfests. I will look for one down the road- good
luck finding one! 73s Russ

>From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
>Reply-To: oldradio@worldnet.att.net
>To: Old Tube Radios <boatanchors@theporch.com>
>CC: W8RI@AOL.COM
>Subject: Wanted NC-188
>Date: Tue, 17 Oct 2000 18:08:13 -0400

>
>To all,   --please respond to: W8RI@AOL.COM
>
>Can you help Randy find a NC-188 ? .. his message follows:
>
>John.... I've been looking for a National NC-188 receiver for about
>4 years and no luck...I could kick my self in the .... for letting
>one go about 25 years ago.. This was my very first receiver I used
>with a home brewed transmitter.
>I would like to fine one for old times sake ..Please help if you can
>73's from
>W8RI Randy Iamurri
>Saginaw, MI 48608
>W8RI@AOL.COM
>

Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at http://profiles.msn.com.

Message-ID: <39EF84AE.20BA3EF0@earthlink.net>
Date: Thu, 19 Oct 2000 16:33:02 -0700
From: Scott Robinson <spr@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AM radio Hi Fi
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Yes, I ahve had wideband AM stuff for years-Heath HI-Fi AM tuners, mostly.

For even better sound, it's worth noting that most AM stations provide treble boost, so a 75 microsecond* singls pole roll-off will usually sound better. With most stereo systems, turnign the treble control all the waydown is about right. Then you get the extended bandwidth without the excess treble boost. With a radio and a built-in speaker, it may not make as much difference because the power amp and speaker may themselves roll off at high frequencies.

A lot of European radios have two IF bandwidths, and some that don't have overcoupled transformers so that at least the BW they do have is flat and not soggy at the edges. IN several cases I'm talking about 4 or 5 tube radios, too.

I have a 1948 Tandberg radio that has four bandwidths and a fully enclosed 8 inch speaker and it's about the best sounding BA I've heard.

*Yes, this is the same as FM stations use, but it seems a good approximation.

Regards,

/scott

John Gibson wrote:
>
> Well it seems that we have been cheated all these years - you don't have to put up with that muddy audio from the average 5 tube radio. Most AM stations do put out hi fi quality, the receivers just don't have the bandwidth to handle it.
>
> My eyes were opened, when on my vacation in England I bought a HMV radio at a vintage radio fair. It was a 5 tube superhet and I rebuilt and retubed it. When testing it out, I noticed that the tone control had a "hi fi" position. Switching to that setting really made the sound sparkle.
>
> In this radio, the detector IF transformer is loaded by the diode detector and so has a wide bandwidth. The mixer IF can be switched to normal (Audio bandwidth 3 kcs) for the usual muddy sound or to hi fi where additional bottom capacity coupling is added to overcouple the mixer transformer and widen the audio response to about 8 kcs and wow!

--
Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Thu, 19 Oct 2000 16:35:49 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: plastic chassis?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G2P004OBATXXQ@mta4.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Ben;

> I've got to admit, I'm intrigued not by the kit, but about making chassis out of lexan and the like. Has anyone ever tried this? One of these

days
> I'm going to build my own boatanchor, and it almost seems a shame to
cover
> up the wiring I'll work so hard at to install...

In my professional (hooking for engineers) capacity I've built test fixtures with acrylic covers. Drilling holes in plastic is always a bit risky. Use the special plastic drilling bits so you don't break out of a hole with an ordinary twist drill and sometimes break the plastic and ruin an expensive panel. I prefer acrylic to polycarbonate (lexan) because it is much more tolerent of solvents. Also you can use aquarium cement which is clear like glass to join panel sections.

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-Id: <4.3.2.7.0.20001019190602.00b5a980@postoffice.worldnet.att.net>
Date: Thu, 19 Oct 2000 19:12:42 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
Subject: Cancelled: Delaware Valley Radio Association Nov 4th.
Cc: K2DCD@aol.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This message forwarded to my friends....73' K2TQN

Fellow Amateurs,

We had to cancel our Hamfest that was scheduled for November 4, 2000 at the Lawrence High School, in Lawrence Township, Mercer County.

The facility had already scheduled SAT's without telling our Hamfest Committee.
If anyone from your club planned to attend, please tell them about this. If information on the hamfest was published in your newsletter, or on your web site, please change/delete that too.

Thanks for getting the word out. Look for our next one in the Spring of 2001.

73
Dennis Dura
K2DCDPresident, Delaware Valley Radio Association

Message-ID: <005f01c03a28$96bf5bc0$ecdab3cf@eqpc1>
From: "Mark Shaum" <k9tr@mtco.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: 427A meter scale peeling
Date: Thu, 19 Oct 2000 18:59:15 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

What you describe is exactly what I am seeing. I have been uneasy about attempting to peel the loose pieces for fear of pulling the dial markings themselves off the backing. I'll gingerly try the scotch tape pull-up routine.

Thanks for the tip! - Mark

From: n6nae@ix.netcom.com
Date: Tue, 17 Oct 2000 18:29:13 -0400
Subject: Re: Seeking a HP427A meter or scale

Mark:

Are you sure it's the meter scale peeling off the backing? (You probably are, since you're there and I'm not!)

I have one which was peeling. It wasn't the scale, but the varnish (?) coating which was applied over the surface. HP calibrated each movement on a special machine, then coated the surface to protect it.

Mine was peeling over the entire surface. I used some wadded up scotch tape to gently lift all the loose varnish off the white meter scale surface. Left it clean and white with all the markings still in place. Looks fine two years later. Give that a try.

Great meter.
Richard

Mark Shaum K9TR
email: k9tr@mtco.com
http://www.mtco.com/~k9tr
Central Illinois Grid EN50hi Zip 61721

Message-ID: <39EF9C83.9BC3B474@metronet.com>
Date: Thu, 19 Oct 2000 20:14:43 -0500

From: Neal McEwen <nmcewen@metronet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: '20's QSL Card
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck Swiger wrote:

> uxer hr is a low life UX-210 Heartless coilet with a 3 score and 6 crock super
> slop over chem.

The crock super slop is probably electrolytic slop jar rectifiers.

> The scroller is a smell detective and 2 lamper with a pair of

Probably a two tube regen receiver.

> I junked Crapola BCL set,

BroadCast Listening?

--
73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://www.metronet.com/~nmcewen/tel_off.html

Date: Thu, 19 Oct 2000 20:16:08 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Line Matching Transformer??
Message-ID: <Pine.OSF.3.96.1001019201420.23413A-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Oct 2000, Arden Allen wrote:

> You can calculate the load impedance the transfomer presents to the "line"
> or you can simply experiment with a sine wave signal being delivered to a
> dummy load to get the optimum level v/s distortion. Keep in mind how a
> transformer "reflects" the secondary load impedance via its
> primary/secondary impedance ratio to the primary. Also, you can do
> listening tests to see which tap gives the best volume but it is easier to
> see with a scope the differences in amplitude and distortion. Have fun.

You can also apply a low AC voltage (a volt or so) to the 8 ohm tap and measure the higher voltage on the various primary taps to get the voltage ratio, then calculate the impedance ratio.

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net   73 de Bob, K9EUI
CIS: Data / Telecom   Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

Message-ID: <39EFA51A.422BAE3C@getnet.com>
Date: Fri, 20 Oct 2000 01:51:20 +0000
From: Dave Hollander <davidh@getnet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-28 versus SX-28A
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Hi anchorites.......

How do you tell the difference between an SX-28 and SX-28A??

Thanks for the help

Dave N7RK

--
****

Dave N7RK - Webmaster CADXA
Phoenix, Arizona   *DXCC Honor Roll*   *WAZ#23 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National
and what ever else looks interesting!

E-Mail: davidh@getnet.com Home Page: http://www.getnet.com/~davidh

Visit the Central Arizona DX Association Home page - http://cadxa.org

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Message-ID: <39EFB44A.BB53B911@uswest.net>

Date: Thu, 19 Oct 2000 20:56:10 -0600
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Line Matching Transformer??
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don,

Permit me a formula or two. Power = Voltage squared / Resistance.

So, Resistance = Voltage squared / Power.

Voltage squared = 70.7 x 70.7 = about 5000.

The 10 watt tap will then correspond to an impedance of 5000/10 = 500 ohms. The 5 watt tap would correspond to an impedance of 5000/5 = 1000 ohms. Your best bet to match 600 ohms is to use the 10 watt tap. As I recall, I've got one or two transformers like yours, and the 10 watt tap does a good job for me.

Jim, W8KGI

End of BOATANCHORS Digest 3013
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